

INTERNATIONAL SEARCH REPORT

International Application No

P 03/14159

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B61F5/30 B61F5/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B61F B60G F16F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 0 073 119 A (SILENTBLOC) 2 March 1983 (1983-03-02) page 5, line 26 - page 9, line 20; figures 1-5	1, 14, 16
X A	GB 1 037 298 A (SIMMERING GRAZ PAUKER AG) 27 July 1966 (1966-07-27) page 1, line 84 - page 2, line 130; figures 1,2	5-13, 15, 17 1, 14, 16
	----- -/-	5-13, 15, 17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

26 April 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 144 693 A (BUDD CO) 13 March 1985 (1985-03-13) page 1, line 60 - page 2, line 39; figures 1-4	1,14,16
A	----- US 5 001 989 A (MULCAHY HARRY W ET AL) 26 March 1991 (1991-03-26) column 2, line 26 - column 3, line 35; figures 1,2	5-7,15, 17
A	----- GB 1 265 642 A (SCHWEIZERISCHE WAGGONS- UND AUFZÜGEFABRIK AG) 1 March 1972 (1972-03-01) page 1, line 41 - page 2, line 60; figures 1-3	1-4,14
A	----- EP 0 624 505 A (ABB DAIMLER BENZ TRANSP) 17 November 1994 (1994-11-17) column 2, line 13 - line 54; figures 1-3	1,5-9,14
		1,5-17

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

P 03/14159

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0073119	A	02-03-1983	GB 2104182 A EP 0073119 A1	02-03-1983 02-03-1983
GB 1037298	A	27-07-1966	AT 242189 B DE 1199333 B BE 648295 A BE 648895 A CH 416756 A CH 415727 A DE 1455178 A1 FR 1396942 A FR 1394668 A GB 1043105 A NL 6405734 A NL 6405937 A SE 311542 B	10-09-1965 26-08-1965 23-11-1964 15-07-1966 30-06-1966 27-03-1969 23-04-1965 02-04-1965 21-09-1966 23-11-1964 08-12-1964 16-06-1969
GB 2144693	A	13-03-1985	AU 578619 B2 AU 3130284 A BR 8403974 A CA 1221272 A1 DE 3428957 A1 FR 2550504 A1 JP 60067258 A PT 79053 A ,B US 4932330 A ZA 8405765 A	03-11-1988 14-02-1985 09-07-1985 05-05-1987 21-02-1985 15-02-1985 17-04-1985 01-09-1984 12-06-1990 30-10-1985
US 5001989	A	26-03-1991	NONE	
GB 1265642	A	01-03-1972	AT 302408 B BE 759028 A1 CH 509902 A DE 2056698 A1 FR 2069587 A5	10-10-1972 17-05-1971 15-07-1971 27-05-1971 03-09-1971
EP 0624505	A	17-11-1994	DE 4315568 A1 AT 154785 T CZ 9401140 A3 DE 59403209 D1 DK 624505 T3 EP 0624505 A1 ES 2102721 T3 FI 942136 A HU 3833 A1 KR 190487 B1 NO 941323 A ,B, PL 173498 B1 ZA 9403192 A	17-11-1994 15-07-1997 15-12-1994 31-07-1997 21-07-1997 17-11-1994 01-08-1997 11-11-1994 28-11-1997 01-06-1999 11-11-1994 31-03-1998 09-11-1995

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